

Erratum: “Intergalactic Photon Spectra from the Far IR to the UV Lyman Limit for $0 < z < 6$ and the Optical Depth of the Universe to High Energy Gamma-Rays” (ApJ 648, 774 [2006])

F.W. Stecker

NASA/Goddard Space Flight Center

Department of Physics and Astronomy, University of California, Los Angeles

M.A. Malkan

Department of Physics and Astronomy, University of California, Los Angeles

S.T. Scully

Department of Physics, James Madison University

Table 1 in our paper had erroneous numbers for the coefficients fitting the parametric form for the optical depth of the universe to γ -rays, τ . The correct values for these parameters as described in the original text are given in the table below for various redshifts for the baseline model (upper row) and fast evolution (lower row) for each individual redshift.

Table 1: Coefficients for the Baseline and Fast Evolution Fits

z	A	B	C	D	E
0.03	-0.020228	1.28458	-29.1498	285.131	-1024.64
	-0.020753	1.31035	-29.6157	288.807	-1035.21
0.117	0.010677	-0.238895	-1.004	54.1465	-313.486
	0.022352	-0.796354	8.95845	-24.8304	-79.0409
0.2	0.0251369	-0.932664	11.4876	-45.9286	-12.1116
	0.0258699	-0.960562	11.8614	-47.9214	-8.90869
0.5	-0.0221285	1.31079	-28.2156	264.368	-914.546
	0.0241367	-0.912879	11.7893	-54.9018	39.2521
1.0	-0.175348	8.42104	-151.421	1209.13	-3617.51
	-0.210116	10.0006	-178.308	1412.01	-4190.38
2.0	-0.311617	14.5034	-252.81	1956.45	-5671.36
	-0.397521	18.3389	-316.916	2431.84	-6991.04
3.0	-0.34995	16.0968	-227.315	2121.16	-6077.41
	-0.344304	15.8698	-273.942	2099.29	-6025.38
5.0	-0.321182	14.6436	-250.109	1897.00	-5390.55
	-0.28918	13.2673	-227.968	1739.11	-4969.32